

CENTRAL INTELLIGENCE AGENCY

REPORT

INFORMATIONS REPORT ~~SECRET~~

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SUPPLEMENT TO
REPORT NO.

50X1-HUM

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THIS IS UNEVALUATED INFORMATION FOR THE RESEARCH
USE OF TRAINED INTELLIGENCE ANALYSTS

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1. The Tomsk Cutting Tool Factory (Tomski Zavod Rezhushchego Instrumenta), located in Tomsk, Siberia, is producing the following cutting tools:

Drills (sverlo)
Taps (mekhik)
Cutters (freza)
Cutting dies (plashka)
Reamers (rasvertka)

There is also a consumer goods shop (teekh shipotreba) producing tools and goods for local requirements, with a section for production of spare parts for tractors and electric power stations. The factory is producing about 30 kinds of tools of about 400 different sizes.

2. The Tomsk Tool Factory is controlled by the Central Administration of Tool Industry (Glavnoe Upravlenie Instrumentalnoi Promyshlennosti) of the Ministry for Machine Tool Construction of the USSR. It has been in existence for about twenty years. About fifteen years ago, this factory was reconstructed for production of cutting tools exclusively, in which the factory is still engaged up to the present. The factory is often called the Tomsk Cutting Tool Factory.

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In 1987, the factory produced about 5 million drills of various types and sizes, including carbon steel drills of four main types and numerous sizes, and high speed drills of five main types and numerous sizes. Drills are produced by automatic cutting machines which require a minimum of attendance on the part of the workmen.

4. In 1947, the factory produced about 1,500,000 taps of various types and sizes; about 100,000 standard and special cutters, including worm cutters (cherryachnaya freza), socket cutters (muftovaya freza), three-sided disc cutters (trekhstoronnaya diskovaya freza); about 150,000 cutting dies of various types and sizes, including pipe cutting dies of 2.4 inch, 3 inch, 7.9 inch; and about 100,000 reamers of various types and sizes.

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5. During the first six months of 1948, the output of the factory increased by about 10% as a result of the arrival and installation of new machine tools and automatic machinery, such as non-centering grinding machines (beztsentrovchno shlifovnyy stanok), thread knurling machines (rezbonakatny stanok), and automatic turning machines (tokarny avtomat).
6. In July 1948, Savin was the director of the factory; his deputy was Fomenko; and the chief engineer was Kheifits. the 50X1-HUM number of personnel of the factory at about 1,700 men.
7. The main production shops of the factory are the following:
 - Drill shop (tsekh sverl)
 - Cutter shop (tsekh frez)
 - Tap shop (tsekh techikov)
 - Cutting die shop (tsekh plashek)
 - Reamer shop (tsekh razvertok)
 - Thermic (treatment) shop (termicheski tsekh) (well equipped with modern furnaces for hardening tools)
 - Grinding shop (zatochny tsekh)
 - Several auxiliary shops:
 - Preparatory shop (zagotovitelny tsekh)
 - Engineering shop (mekhanicheski tsekh)
 - Laboratory with five sections:
 - Chemical section (khimicheskoe otdelenie)
 - Metallographic section (metallograficheskoe otdelenie)
 - Cutting section (otdelenie rezaniya)
 - Measuring section (izmeritelnoe otdelenie)
 - Engineering section (mekhanicheskoe otdelenie)
8. High speed steel (bystrorezhushchaya stal), carbon steel (uglerodistaya stal), and alloy steel (legiruyannaya stal) are received at the factory in form of rods and cylindrical lengths.

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